

REMARKS UNDER 37 C.F.R. 1.111

Reconsideration and allowance are respectfully requested.

Applicant has amended the abstract to reduce it to 150 words.

Applicant submits herewith a copy of Priority Document Italian Application No. SV2002A000009 as requested by the examiner.

The formal changes suggested by the examiner on pages 2 and 3 of the office action have been made.

Pal does not have station control but train highway crossing circuits (Abstract, line 4) with elements to determine whether the train is approaching or receding (Abstract, line 13). Pal has no yard elements and no state feedback and does not control train circulation related operations.

Columns 3 and 4 in Pal do not have those elements.

Columns 5 and 6 of Pal describe circuits to "... differentiate between trains receding from a crossing and trains approaching the crossing ..." (Column 5, lines 40-42).

Tsuruta's system does not provide "two different generation programs to check for structural differences", as claimed in claims 1-11 and claims 12-14.

Pal and Tsuruta do not describe or suggest pending state switching controls to yard elements signalling devices and railroad switches and track circuits. Neither receives feedback and diagnostic signals from yard elements on the basis of station diagrams, as claimed in claims 1-11.

Pal, Tsuruta and Wilson do not describe parallel generating of two logic control units in two different neural networks, as described in claim 6. None of the material in the seven columns of Wilson cited by the examiner suggests that feature.

Pal and Tsuruta do not describe or suggest the station system structure and the state table described in claims 12 and 13, or the two different generation programs for generating comparable control and monitoring logic which are loaded after a successful identity check, as described in claim 14.

Nothing inherent in the prior art would have suggested combining Pal and Tsuruta of Pal, Tsuruta and Wilson to anticipate or render obvious the new features of the invention as pointed out in the claims.

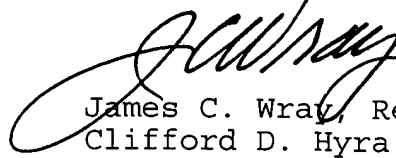
Even if combined, the references would not anticipate or render obvious the new features of the invention as pointed out in the claims.

The invention is new and unobvious, and new and unobvious features of the invention are specifically pointed out in the claims.

CONCLUSION

Reconsideration and allowance of all of the claims are respectfully requested.

Respectfully,

A handwritten signature in black ink, appearing to read "J. Wray", is written over the typed name of James C. Wray.

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January 7, 2008